

# Forward Repair System (FRS) (WRAP Candidate)



## MISSION

Provide a forward, mobile maintenance/repair vehicle to return heavy force systems to an operational condition.

## DESCRIPTION AND SPECIFICATIONS

The Forward Repair System (FRS) is a “must-have” enabler for Force XXI and is a new start in FY00. The FRS is a high-mobility, forward maintenance system that reduces man hours for maintenance personnel, enabling conversion to the Force XXI design. The FRS will minimize the current practice of using recovery vehicles—the five-ton wrecker and the M88—for maintenance lift (e.g., removing engines), and replace the M113A2/A3 armored personnel carrier for transporting maintenance equipment. The current practice causes a severe shortage of recovery assets. Force XXI, with its expanded battlespace, only increases the need for dedicated recovery assets.

The FRS consists of a Palletized Load System (PLS) truck for mobility. It is overhead-lift capable, and it has a mission module that contains the tools, diagnostic equipment, and repair parts needed to return heavy force systems to battle or into a self-recovery mode. The emphasis in developing the system is on procuring non-developmental components.

## FOREIGN COUNTERPART

No known foreign counterpart

## FOREIGN MILITARY SALES

None

## PROGRAM STATUS

**3QFY99** Five FRSs were delivered for the start of developmental testing. Developmental testing has been completed.

**Current** Rock Island Arsenal (RIA) is producing the mission modules. PM HTV will issue PLS trucks from ongoing production. This accelerates the fielding of FRS by one year.

## PROJECTED ACTIVITIES

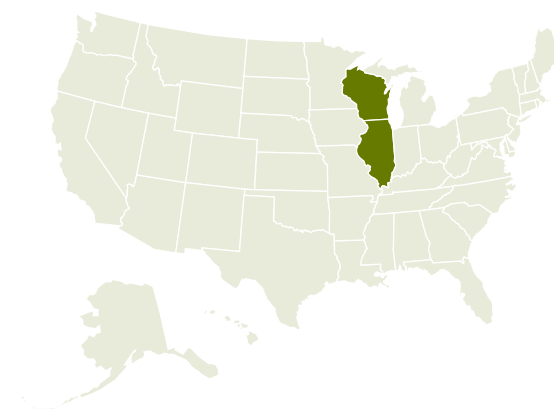
**4QFY00** Field 16 systems to 4th Infantry Division for the first digitized division (three systems to be fielded to the school houses for training use, one system to RIA for product improvement testing).

**FY01** PLS trucks diverted to FRS in FY00 paid back to RIA.

## PRIME CONTRACTORS

**Mission Modules:** Rock Island Arsenal (Rock Island, IL);

**PLS:** Oshkosh Truck (Oshkosh, WI)



\* See appendix for list of subcontractors



Project the Force



Protect the Force



Gain Information  
Dominance



Shape the Battlespace



Conduct Decisive  
Operations



Sustain the Force